

James H. Bryan Co.

HARDWARE

AND MACHINISTS' TOOLS

Westfield, Mass.



**THE
STANDARD
TOOL CO'S
TWIST
DRILLS**

**REAMERS CHUCKS ETC.
HIGHEST QUALITY**



TOOL stamped with the Shield Trade Mark is everywhere known as STANDARD. All Standard Tools are made from high quality tool steel, carefully inspected after every operation, and their mechanical excellence commends them to fine tool users.

We carry a stock of the principal goods manufactured by The Standard Tool Co., illustrated in this pamphlet, and solicit your trade for Twist Drills, Reamers, Drill Chucks, Sockets, and other tools.

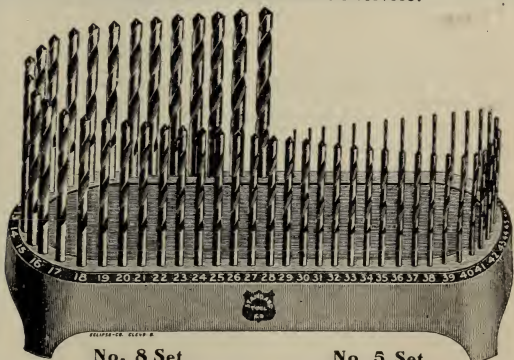
Complete lists and prices furnished promptly on request. Prices subject to change without notice.



The Standard Metal Drill Holder and Gauge Combined

**The Neatest and Most Convenient
Drill Holder Made.**

Superior to the old style wooden block.
Does not become worn in service.



No. 8 Set

Stubs' Steel Wire Gauge
Drills.

No. 1 to No. 60

No. 5 Set

Jobbers' Straight Shank
Drills.

1-16 to 1-2 in.—varying
by 64ths.

Jewelers' Set

No. 10.

IN MAHOGANY CASE.

Contains 36 finely
finished Drills, No.
30 ($\frac{1}{8}$ in.) to No. 65
Wire Gauge, made
of Stubs' Steel.





Standard Increase Twist Drills

WITH TAPER SHANKS



THESE Drills are used for drilling all kinds of metal, and are tempered and finished for general work. We are prepared to meet any special conditions with suitable drills.

**See next page for List Price,
1-8 in. to 2 in.**

List Price on Drills to 6 in. diameter, and 64th sizes, furnished on application. Standard and Morse Taper the same.



Standard Straight Shank Twist Drills

TAPER SHANK LENGTHS.

Taper Shank, and Straight Shank

Taper Length Drills



Diam Inch.	Price, Each.	Length Inches.	Stand. Taper Shank.	Diam Inch.	Price, Each.	Length Inches.	Stand. Taper Shank.
$\frac{1}{8}$	\$0 45	$5\frac{1}{8}$	No. 1.	$1\frac{3}{32}$	\$3 60	$11\frac{1}{2}$	No. 3.
$\frac{5}{32}$	45	$5\frac{3}{8}$		$1\frac{1}{8}$	3 80	$11\frac{3}{4}$	
$\frac{3}{16}$	50	$5\frac{3}{4}$		$1\frac{5}{32}$	4 00	$11\frac{7}{8}$	
$\frac{7}{32}$	55	6		$1\frac{3}{16}$	4 20	12	
$\frac{1}{4}$	60	$6\frac{1}{8}$		$1\frac{7}{32}$	4 40	$12\frac{1}{8}$	
$\frac{9}{32}$	65	$6\frac{1}{4}$		$1\frac{1}{4}$	4 50	$12\frac{1}{2}$	
$\frac{5}{16}$	70	$6\frac{3}{8}$		$1\frac{9}{32}$	4 65	$14\frac{1}{8}$	
$\frac{11}{32}$	75	$6\frac{1}{2}$		$1\frac{5}{16}$	4 80	$14\frac{1}{4}$	
$\frac{3}{8}$	80	$6\frac{3}{4}$		$1\frac{11}{32}$	5 00	$14\frac{3}{8}$	
$\frac{13}{32}$	85	7		$1\frac{3}{8}$	5 20	$14\frac{1}{2}$	
$\frac{7}{16}$	90	$7\frac{1}{4}$		$1\frac{13}{32}$	5 40	$14\frac{5}{8}$	
$\frac{15}{32}$	95	$7\frac{1}{2}$		$1\frac{7}{16}$	5 60	$14\frac{3}{4}$	
$\frac{1}{2}$	1 00	$7\frac{3}{4}$		$1\frac{15}{32}$	5 80	$14\frac{7}{8}$	
$\frac{17}{32}$	1 10	8		$1\frac{1}{2}$	6 00	15	
$\frac{9}{16}$	1 20	$8\frac{1}{4}$		$1\frac{17}{32}$	6 30	$15\frac{1}{8}$	
$\frac{19}{32}$	1 30	$8\frac{1}{2}$	No. 2.	$1\frac{9}{16}$	6 60	$15\frac{1}{4}$	No. 4.
$\frac{5}{8}$	1 40	$8\frac{3}{4}$		$1\frac{19}{32}$	6 90	$15\frac{3}{8}$	
$\frac{21}{32}$	1 50	9		$1\frac{5}{8}$	7 20	$15\frac{1}{2}$	
$\frac{11}{16}$	1 60	$9\frac{1}{4}$		$1\frac{21}{32}$	7 50	$15\frac{5}{8}$	
$\frac{23}{32}$	1 70	$9\frac{1}{2}$		$1\frac{11}{16}$	7 80	$15\frac{3}{4}$	
$\frac{3}{4}$	1 85	$9\frac{3}{4}$		$1\frac{23}{32}$	8 10	$15\frac{7}{8}$	
$\frac{25}{32}$	2 00	$9\frac{7}{8}$		$1\frac{3}{4}$	8 40	16	
$\frac{13}{16}$	2 15	10		$1\frac{25}{32}$	8 60	$16\frac{1}{8}$	
$\frac{27}{32}$	2 30	$10\frac{1}{4}$		$1\frac{13}{16}$	8 80	$16\frac{1}{4}$	
$\frac{7}{8}$	2 45	$10\frac{1}{2}$		$1\frac{27}{32}$	9 00	$16\frac{3}{8}$	
$\frac{29}{32}$	2 60	$10\frac{5}{8}$		$1\frac{7}{8}$	9 20	$16\frac{1}{2}$	
$\frac{15}{16}$	2 75	$10\frac{3}{4}$		$1\frac{29}{32}$	9 35	$16\frac{1}{2}$	
$\frac{31}{32}$	2 90	$10\frac{7}{8}$		$1\frac{15}{16}$	9 50	$16\frac{1}{2}$	
1	3 00	11		$1\frac{31}{32}$	9 65	$16\frac{1}{2}$	
$1\frac{1}{32}$	3 20	$11\frac{1}{8}$	No. 3.	2	9 80	$16\frac{1}{2}$	
$1\frac{1}{16}$	3 40	$11\frac{1}{4}$					



Straight Shank Drills Jobbers' Lengths



Jobbers' and Machinists' Sets.				Letter Sizes.				
Diam. Inch.	Price Dozen.	Price Each.	Length Inches	Diam.	Decimals of Inch.	Price Dozen.	Price Each.	Length Inch.
$\frac{1}{16}$	\$1 00	\$ 09	2 $\frac{1}{2}$	A	.234	\$2 90	\$ 26	3 $\frac{1}{8}$
$\frac{5}{64}$	1 10	10	2 $\frac{5}{8}$	B	.238	3 00	27	3 $\frac{1}{8}$
$\frac{3}{32}$	1 20	11	2 $\frac{3}{4}$	C	.242	3 10	28	3 $\frac{1}{8}$
$\frac{7}{64}$	1 30	12	2 $\frac{7}{8}$	D	.246	3 20	29	3 $\frac{1}{8}$
$\frac{1}{8}$	1 45	13	3	E	.250	3 30	30	3 $\frac{1}{8}$
$\frac{9}{64}$	1 60	15	3 $\frac{1}{8}$	F	.257	3 40	30	4 $\frac{1}{4}$
$\frac{5}{32}$	1 80	16	3 $\frac{1}{4}$	G	.261	3 50	31	4 $\frac{1}{4}$
$\frac{11}{64}$	2 00	18	3 $\frac{3}{8}$	H	.266	3 60	32	4 $\frac{1}{4}$
$\frac{3}{16}$	2 20	20	3 $\frac{1}{2}$	I	.272	3 70	33	4 $\frac{1}{4}$
$\frac{13}{64}$	2 40	21	3 $\frac{5}{8}$	J	.277	3 80	34	4 $\frac{1}{4}$
$\frac{7}{32}$	2 65	23	3 $\frac{3}{4}$	K	.281	3 90	35	4 $\frac{1}{4}$
$\frac{15}{64}$	2 90	26	3 $\frac{7}{8}$	L	.290	4 00	36	4 $\frac{1}{4}$
$\frac{1}{4}$	3 15	28	4	M	.295	4 10	36	4 $\frac{1}{4}$
$\frac{17}{64}$	3 40	30	4 $\frac{1}{8}$	N	.302	4 20	37	4 $\frac{1}{4}$
$\frac{9}{32}$	3 65	32	4 $\frac{1}{4}$	O	.316	4 30	38	4 $\frac{1}{4}$
$\frac{19}{64}$	3 90	35	4 $\frac{3}{8}$	P	.323	4 40	39	4 $\frac{5}{8}$
$\frac{5}{16}$	4 20	37	4 $\frac{1}{2}$	Q	.332	4 60	40	4 $\frac{3}{4}$
$\frac{21}{64}$	4 50	40	4 $\frac{5}{8}$	R	.339	4 80	42	4 $\frac{3}{4}$
$\frac{11}{32}$	4 80	42	4 $\frac{3}{4}$	S	.348	5 00	44	4 $\frac{7}{8}$
$\frac{23}{64}$	5 10	45	4 $\frac{7}{8}$	T	.358	5 20	45	4 $\frac{7}{8}$
$\frac{3}{8}$	5 40	48	5	U	.368	5 40	47	5
$\frac{25}{64}$	5 70	50	5 $\frac{1}{8}$	V	.377	5 60	49	5
$\frac{13}{32}$	6 00	53	5 $\frac{1}{4}$	W	.386	5 80	51	5 $\frac{1}{8}$
$\frac{27}{64}$	6 40	55	5 $\frac{3}{8}$	X	.397	6 00	53	5 $\frac{1}{4}$
$\frac{7}{16}$	6 80	59	5 $\frac{1}{2}$	Y	.404	6 40	55	5 $\frac{1}{4}$
$\frac{29}{64}$	7 20	63	5 $\frac{5}{8}$	Z	.413	6 80	59	5 $\frac{3}{8}$
$\frac{15}{32}$	7 50	65	5 $\frac{3}{4}$					
$\frac{31}{64}$	7 75	67	5 $\frac{7}{8}$					
$\frac{1}{2}$	8 00	70	6					

Stubs' Steel Wire Gauge Drills.



Nos. by Gauge.	Price, Dozen.	Price, Each.	Length In.	Nos. by Gauge.	Price, Dozen.	Price, Each.	Length In.
1	\$2 35	\$ 22	4	39	\$1 25	\$ 12	2 $\frac{7}{16}$
2	2 35	22	3 $\frac{15}{16}$	40	1 25	12	2 $\frac{3}{8}$
3	2 35	22	3 $\frac{15}{16}$	41	1 10	10	2 $\frac{5}{16}$
4	2 35	22	3 $\frac{7}{8}$	42	1 10	10	2 $\frac{5}{16}$
5	2 35	22	3 $\frac{13}{16}$	43	1 10	10	2 $\frac{1}{4}$
6	2 25	21	3 $\frac{13}{16}$	44	1 10	10	2 $\frac{3}{16}$
7	2 25	21	3 $\frac{3}{4}$	45	1 10	10	2 $\frac{3}{16}$
8	2 25	21	3 $\frac{11}{16}$	46	95	09	2 $\frac{1}{8}$
9	2 25	21	3 $\frac{11}{16}$	47	95	09	2 $\frac{1}{16}$
10	2 25	21	3 $\frac{5}{8}$	48	95	09	2 $\frac{1}{16}$
11	2 10	20	3 $\frac{9}{16}$	49	95	09	2
12	2 10	20	3 $\frac{9}{16}$	50	95	09	1 $\frac{15}{16}$
13	2 10	20	3 $\frac{1}{2}$	51	95	09	1 $\frac{15}{16}$
14	2 10	20	3 $\frac{7}{16}$	52	95	09	1 $\frac{7}{8}$
15	2 10	20	3 $\frac{7}{16}$	53	95	09	1 $\frac{3}{8}$
16	1 95	19	3 $\frac{3}{8}$	54	95	09	1 $\frac{3}{8}$
17	1 95	19	3 $\frac{5}{16}$	55	95	09	1 $\frac{3}{4}$
18	1 95	19	3 $\frac{5}{16}$	56	95	09	1 $\frac{11}{16}$
19	1 95	19	3 $\frac{1}{4}$	57	95	09	1 $\frac{11}{16}$
20	1 95	19	3 $\frac{3}{16}$	58	95	09	1 $\frac{5}{8}$
21	1 75	17	3 $\frac{3}{16}$	59	95	09	1 $\frac{9}{16}$
22	1 75	17	3 $\frac{1}{8}$	60	95	09	1 $\frac{9}{16}$
23	1 75	17	3 $\frac{1}{16}$	61	90	08	1 $\frac{1}{2}$
24	1 75	17	3 $\frac{1}{16}$	62	90	08	1 $\frac{1}{2}$
25	1 75	17	3	63	90	08	1 $\frac{1}{2}$
26	1 55	15	2 $\frac{15}{16}$	64	90	08	1 $\frac{1}{2}$
27	1 55	15	2 $\frac{15}{16}$	65	90	08	1 $\frac{1}{2}$
28	1 55	15	2 $\frac{7}{8}$	66	90	08	1 $\frac{1}{2}$
29	1 55	15	2 $\frac{13}{16}$	67	90	08	1 $\frac{7}{16}$
30	1 55	15	2 $\frac{13}{16}$	68	90	08	1 $\frac{7}{16}$
31	1 40	14	2 $\frac{3}{4}$	69	90	08	1 $\frac{3}{8}$
32	1 40	14	2 $\frac{11}{16}$	70	90	08	1 $\frac{5}{16}$
33	1 40	14	2 $\frac{11}{16}$	71	1 00	09	1 $\frac{5}{16}$
34	1 40	14	2 $\frac{5}{8}$	72	1 00	09	1 $\frac{1}{4}$
35	1 40	14	2 $\frac{9}{16}$	73	1 00	09	1 $\frac{3}{16}$
36	1 25	12	2 $\frac{9}{16}$	74	1 00	09	1 $\frac{1}{8}$
37	1 25	12	2 $\frac{1}{2}$	75	1 00	09	1 $\frac{1}{16}$
38	1 25	12	2 $\frac{7}{16}$				



Straight Shank Center Drills

FOR CENTERING MACHINES



Fractional sizes $\frac{1}{16}$ in. to $\frac{1}{4}$ in. carried in stock.

MADE TO ORDER
IN ANY SIZE OF STUBS' WIRE GAUGE.



Straight Fluted Drills

MADE WITH
STRAIGHT OR TAPER SHANKS.



Hollow Drills

For Drilling
Deep Holes

Used in connection with a
Hollow Shank which affords
an outlet for oil and chips.





Taper Square Shank Drills

Fitting Ratchets in General Use



No. 1 Shanks $\frac{5}{8}$ in. x $\frac{3}{8}$ in. x $1\frac{1}{2}$ in. long.

No. 2 Shanks $\frac{3}{4}$ in. x $\frac{1}{2}$ in. x $1\frac{3}{4}$ in. long.

No. 1 Shank furnished on all sizes unless No. 2 is specified.



Three Groove Drills

Four Groove Drills

These Three and Four Groove Drills are used only for enlarging cored, punched, or drilled holes.

MADE WITH TAPER AND
STRAIGHT SHANKS.

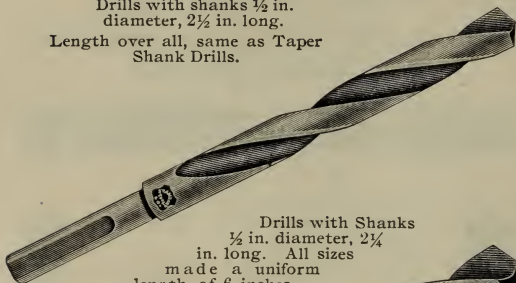




Drills for Blacksmiths' Presses

Drills with shanks $\frac{1}{2}$ in.
diameter, $2\frac{1}{2}$ in. long.

Length over all, same as Taper
Shank Drills.



Drills with Shanks
 $\frac{1}{2}$ in. diameter, $2\frac{1}{4}$
in. long. All sizes
made a uniform
length of 6 inches
over all.



Drills with Shanks
.647 exact diameter,
 $2\frac{1}{4}$ in. long. All sizes
made a uniform
length of 6 inches
over all.



THE SHANKS of
these Drills are
slabbed to engage with
a Set Screw, which holds the
Drill securely, and prevents any
injury to the shanks.

The Shanks of $\frac{1}{2}$ in. and .647 diameter Drills
fit the various makes of Blacksmiths' Drill
Presses.



Taper Shank and Straight Shank Oil Tube Drills



For deep drilling, and where specially accurate work is required.



The Tubes are fitted to connect with a hole bored through the shank of the drill. The oil is forced through the hole in the shank of the drill and flows through the tubes, giving a constant supply at cutting edges. Can be used in screw machines or any machine fitted to give a supply of oil. If necessary, the hole in shank can be threaded for pipe connection. Drills furnished in any length.



MADE WITH
ALL STYLES OF SHANKS.





Bit Stock Drills



THESE Drills will fit any brace on the market. They are used for miscellaneous drilling, and while intended principally for wood, will drill iron or other metals. Sold singly or by the dozen. Also put up in Handy Sets as illustrated.

Sets.

No. 14 A Set, in neat, flat leatherette case. Is convenient to carry in the pocket. Keeps Drills clean and bright. Contains $\frac{1}{8}$ in. to $\frac{1}{4}$ in. by 32ds, $\frac{5}{16}$ in. to $\frac{3}{8}$ in. by 16ths.

Sets.

No. 13 Set, in round, polished wood box, contains $\frac{2}{32}$ to $\frac{8}{32}$ by 32ds, $\frac{10}{32}$ to $\frac{12}{32}$ by 16ths.

No. 14 Set, in round, polished wood box, contains $\frac{2}{32}$ to $\frac{8}{32}$ by 32ds.





Wood Boring Brace Drills

SPECIALLY tempered and pointed for wood, but are not injured by contact with nails, plaster, etc.

They are also made in extra lengths, as follows: 12 in., 18 in., 24 in., 30 in. 36 in. for Bell Hangers, Telephone, Telegraph and Electrical Workers . . .

THE SHANKS WILL FIT
ANY BRACE.



Sets.

No. 13 A Set, in round, polished wood box, contains one each, 2-32, 3-32, 4-32, 5-32, 6-32, 7-32, 8-32, 9-32, 10-32, 12-32.

No. 13 B Set, in neat, flat Leatherette Case for the pocket. Keeps Drills in good condition. Each size Drill marked on the case in gold. Contains Drills $\frac{1}{8}$ in. to $\frac{1}{4}$ in. by 32ds, $\frac{5}{16}$ in. to $\frac{3}{8}$ in. by 16ths.



We also furnish Wood Brace Drills for Dowels and Casters, and Straight Shank Drills for wood, to use in Chucks.



The Standard Tool Co.'s Machine Bits for Wood

THE Construction of these Bits provides ample clearance for chips.

Will bore true, smooth holes in hard or soft wood without splitting it.



SPECIAL countersinking
Bits for Boring Wood.

Machine Center Bits,
Adjustable Countersinking Bits,
Pod Bits, Hub Boring Bits,
Spoon Bits.

CAN BE FURNISHED PROMPTLY
FROM THE FACTORY.

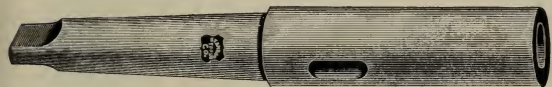


Standard Tool Co.'s Sockets

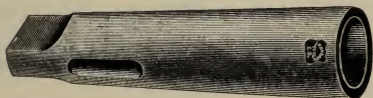
Are made of a uniform grade of strong, tough steel. Finished on centers. Mechanically correct. Are heavy and substantial, and have an accurate taper.



To obtain the best results from a drill, it is essential that the Sockets and Sleeves are accurate and strong.



Inaccurate Sockets prevent the user from getting the full working capacity of the Drill.

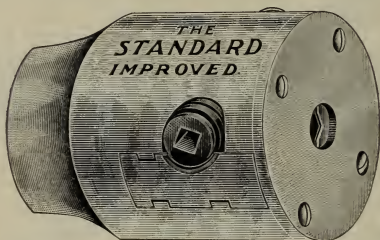


IF you are figuring to increase the Quantity of work without harming the QUALITY, — **BUY Shield Stamped Sockets and Sleeves, Grip Sockets, Lathe Sockets, and Oil Feed Sockets.**



The Standard Improved Drill Chuck

Highest Type of Drill Chuck known



HAS no projecting jaws, and the plate prevents larger work than the Chuck is designed for, being used. It is very powerful and guaranteed to hold true, and not injure the shanks of the drills. It holds round and square work.

The jaws are guided by three strong gibs, and the screws are larger than in any Chuck of this description heretofore made. The jaws and screws are made from tool steel, carefully tempered. The hole in the hub is made to fit Taper Arbor, but can be bored out and threaded to customer's templet at small cost.

No. 00— capacity 0 to $\frac{1}{4}$ inch.

No. 0— “ 0 to $\frac{3}{8}$ “

No. 1— “ 0 to $\frac{1}{2}$ “

No. 2— “ 0 to $\frac{3}{4}$ “

No. 3— “ 0 to 1 “



Standard Tool Co.'s Reamers

Quality always dependable.

Hand Reamers

For Smooth Holes



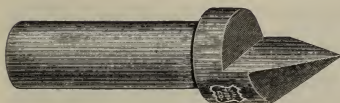
Jobbers' Reamers

Taper Shank

With same length of flutes as
Hand Reamers



Center Reamers



STYLE A

To use in con-
nection with
Center Drills
for centering.

Also used for
countersinking.



STYLE B



Fluted Chucking Reamers



THE Fluted type is used for finishing when smooth holes are required, and a small amount of metal is to be removed.

Rose Chucking Reamers



THE Rose type is particularly adapted where considerable metal is to be removed, and a hole, true to size, round and in perfect alignment, is required.

The above reamers are regularly made with either Straight or Standard Taper Shanks. Special Shanks to fit various machines made to order.

Standard Shell Reamers To Fit Standard Arbors



Rose Shell.



Fluted Shell.

FOR same service as Chucking Reamers described above, but used on separate arbors, one arbor fitting several sizes of Reamers.

Arbors are furnished with either Straight or Standard Taper Shanks. Special Shanks made to order.



Three Groove Chucking Reamers



TAPER and Straight
Shanks. For ream-
ing rough or cored holes
true and round.
Special shanks to order.



Boiler Reamers

THESE Reamers are
strong and substan-
tial; are made only with
five flutes, and with reg-
ular taper shanks, especi-
ally adapted for use in
portable P neumatic
Drills, for reaming holes
in Bridge, Boiler and
Structural Iron Work.



STANDARD TOOL CO.'S REAMERS
are in use wherever Quality Counts

Roughing and Finishing Reamers Taper Pin Reamers
Reamers for Locomotive Work
Bit Stock Taper Reamers
Adjustable Shell and Chucking Reamers
Expansion Hand Reamers

